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Cumulative Michigan COVID-19 Data

Michigan COVID-19 State Data

11-7-2020

2020-11-07_MichiganOverview_COVIDstats

Michigan Department of Health & Human Services

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Coronavirus

CORONAVIRUS / MICHIGAN DATA

Michigan Data



DATA ABOUT
PLACES

LONG TERM CARE FACILITIES

CORONAVIRUS
SYMPTOMS

CUMULATIVE
RECOVERED

Q

OUTBREAK
REPORTING



SCHOOL-RELATED
OUTBREAK REPORTING

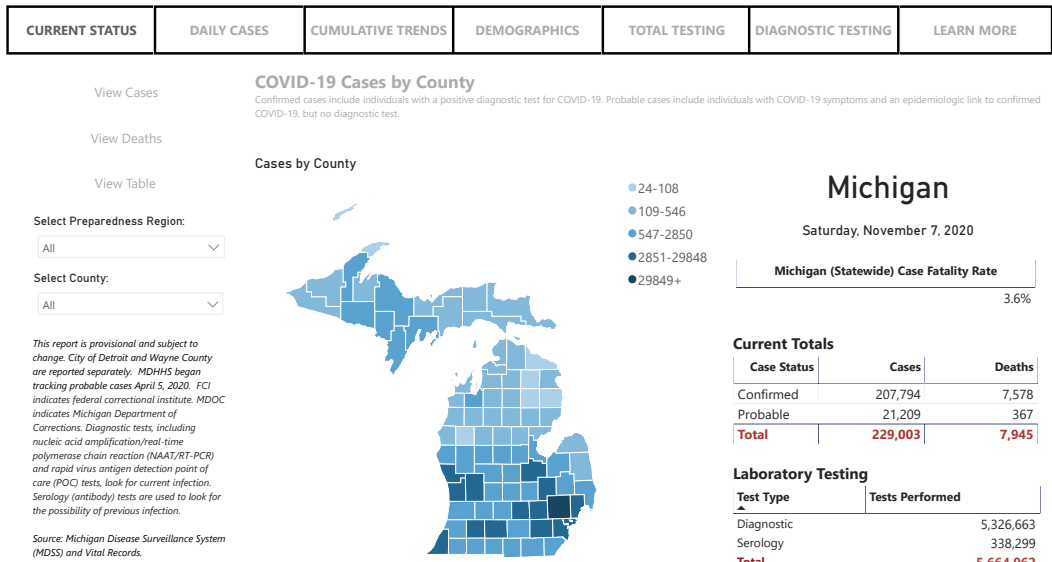


11/8/2020

Coronavirus - Michigan Data

Note on deaths (11/07/20): Regular reviews of death certificate data maintained in Vital Records reporting systems are conducted by MDHHS staff three times per week. As a part of this process, records that identify COVID-19 infection as a contributing factor to death are compared against all laboratory confirmed cases of COVID-19 in the Michigan Disease Surveillance System (MDSS). If a death certificate is matched to a confirmed COVID-19 case and that record in the MDSS does not indicate the individual died, the MDSS record is updated to indicate the death and the appropriate local health department is notified. These matched deaths are then included with mortality information posted to the Michigan Coronavirus website. As a result of the most recent assessment, today's data includes 42 additional deaths identified by this methodology.

The State of Michigan is working around the clock to test and treat COVID-19 patients. Below is the most recent data healthcare experts across the state have compiled. It is updated Monday - Saturday.



Cases by Hispanic/Latino Ethnicity

Hispanic/Latino Ethnicity	Percentage of Overall Cases by Ethnicity	Percentage of Deceased Cases by Ethnicity
Hispanic/Latino	6.85%	2.52%
Non-Hispanic Latino	71.24%	85.35%
Unknown	21.91%	12.13%

Totals may not add to 100% due to rounding

Cases by Arab Ethnicity

Arab Ethnicity	Percentage of Overall Cases by Ethnicity	Percentage of Deceased Cases by Ethnicity
Arab	3.69%	1.99%
Non-Arab	55.51%	49.58%
Unknown	40.80%	48.43%

Totals may not add to 100% due to rounding

PUBLIC USE DATASETS 11/07/2020

(Downloadable .xlsx files)

Cases and Deaths by County

Cases and Deaths by County by Date
of Onset of Symptoms and Date of Death

Cases by Demographics Statewide

COVID-19 Tests by County

Diagnostic Tests by Result and County

Cumulative Total of Recovered COVID-19 Cases

Cumulative Total of Recovered COVID-19 Cases (as of 11/06/2020): **128,981**

Note on recovery: During this response, MDHHS is reviewing vital records statistics to identify any laboratory confirmed COVID-19 cases who are 30 days out from their onset of illness to represent recovery status. As the pandemic continues to impact Michigan, this pool will expand to include more cases. Recovered is defined as the number of persons with a confirmed COVID-19 diagnosis who are alive 30 days post-onset (or referral date if onset is not available). The number of persons recovered on November 6, 2020 represents COVID-19 confirmed individuals with an onset date on or prior to October 7, 2020. If an individual dies from a COVID-related cause >30 days from onset/referral, they are removed from the number of persons recovered. These numbers will be updated every Saturday.

Source: Michigan Disease Surveillance System and Vital Records

View Cases

View Deaths

View Table

Select Preparedness Region:

All

Select County:

All

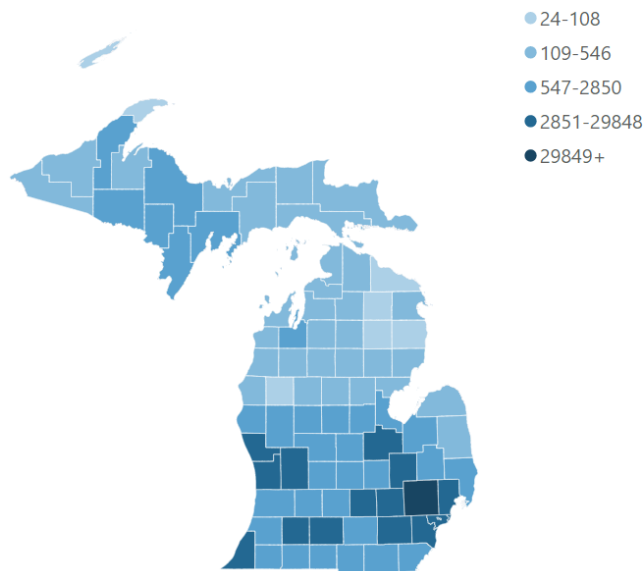
This report is provisional and subject to change. City of Detroit and Wayne County are reported separately. MDHHS began tracking probable cases April 5, 2020. FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections. Diagnostic tests, including nucleic acid amplification/real-time polymerase chain reaction (NAAT/RT-PCR) and rapid virus antigen detection point of care (POC) tests, look for current infection. Serology (antibody) tests are used to look for the possibility of previous infection.

Source: Michigan Disease Surveillance System (MDSS) and Vital Records.

COVID-19 Cases by County

Confirmed cases include individuals with a positive diagnostic test for COVID-19. Probable cases include individuals with COVID-19 symptoms and an epidemiologic link to confirmed COVID-19, but no diagnostic test.

Cases by County



Michigan

Saturday, November 7, 2020

Michigan (Statewide) Case Fatality Rate

3.6%

Current Totals

Case Status	Cases	Deaths
Confirmed	207,794	7,578
Probable	21,209	367
Total	229,003	7,945

Laboratory Testing

Test Type	Tests Performed
Diagnostic	5,326,663
Serology	338,299
Total	5,664,962

View Cases

View Deaths

View Table

Select Preparedness Region:

All

Select County:

All

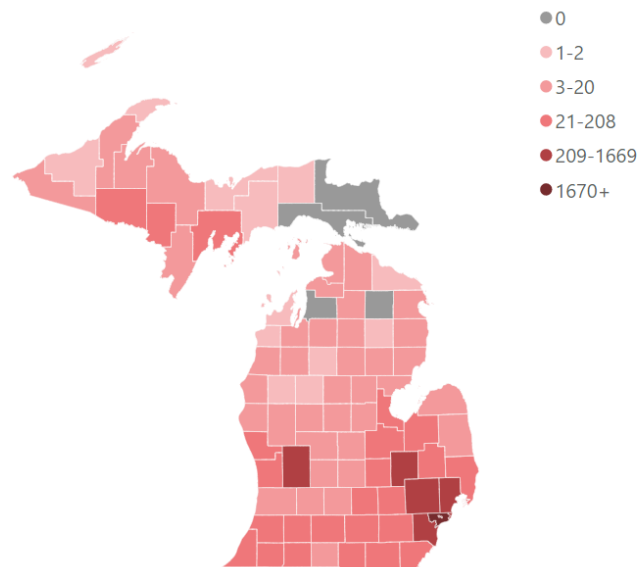
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Source: Michigan Disease Surveillance System (MDSS) and Vital Records.

COVID-19 Deaths by County

Confirmed deaths include individuals who had a confirmed COVID-19 infection and are classified as deceased by the case investigation, have COVID-19 indicated as a cause of death on their death certificate, or who die within 30 days of infection and their manner of death is listed as natural. Probable deaths include individuals who have COVID indicated on their death certificate, but have not had a positive diagnostic test.

Deaths by County



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Confirmed Cases

Deaths

View Table

Select Preparedness Region:

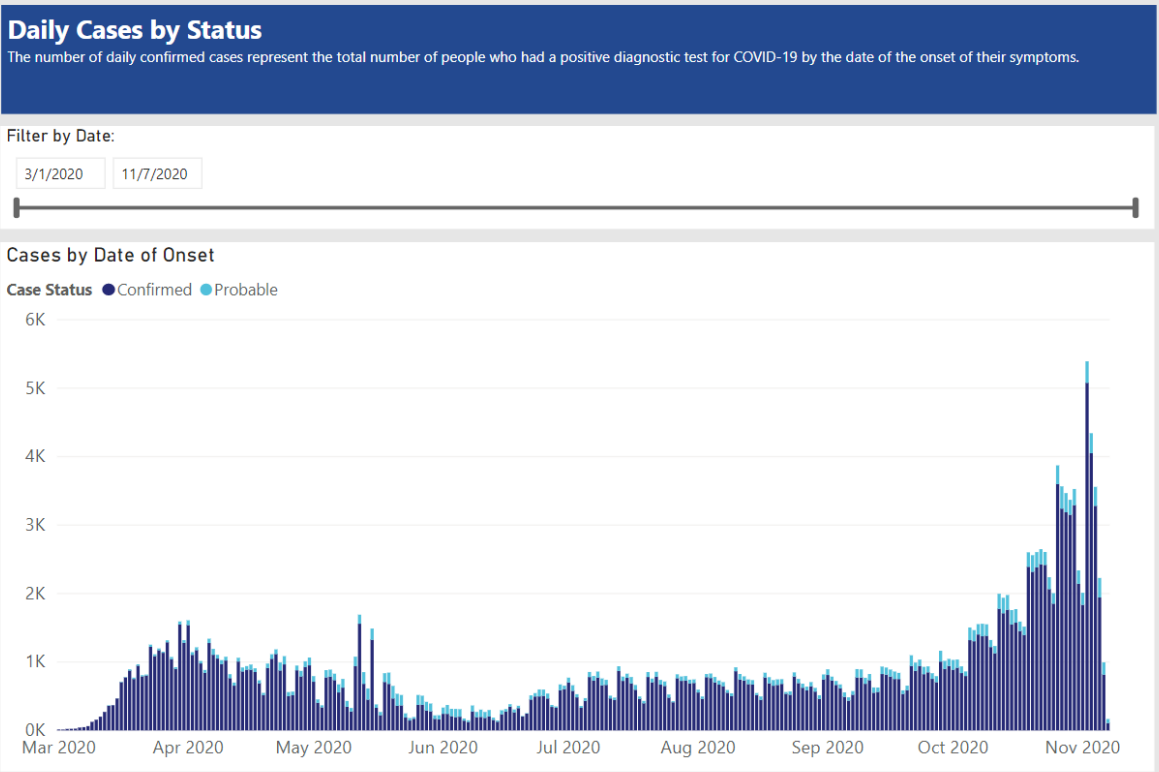
All

Select County:

All

Cases are shown by onset date or by lab specimen collection date if onset date was unavailable. Deaths are shown by date of death or date of last status update if date of death was unavailable. Tracking of probable cases and deaths did not begin until April 5, 2020, therefore only probable cases referred for investigation on or after April 5, 2020 are displayed (onset may have been prior).

Notes: FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections.



Confirmed Cases

Deaths

View Table

Select Preparedness Region:

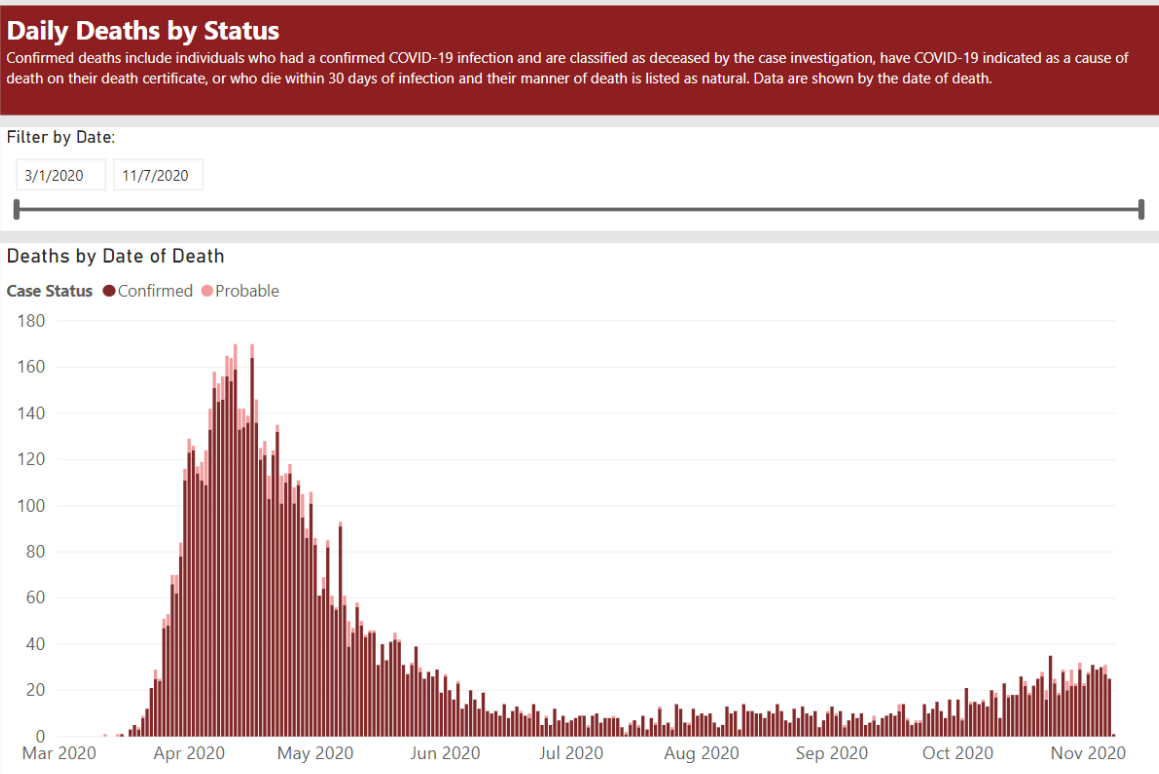
All

Select County:

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Notes: FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections.





Cases by Demographic Characteristics

Data are suppressed when the number of cases is five or below to protect the confidentiality of individuals. The sum of the cases for individual categories may be fewer than the total number of cases due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.

Cases

Deaths

Select case status:

Confirmed

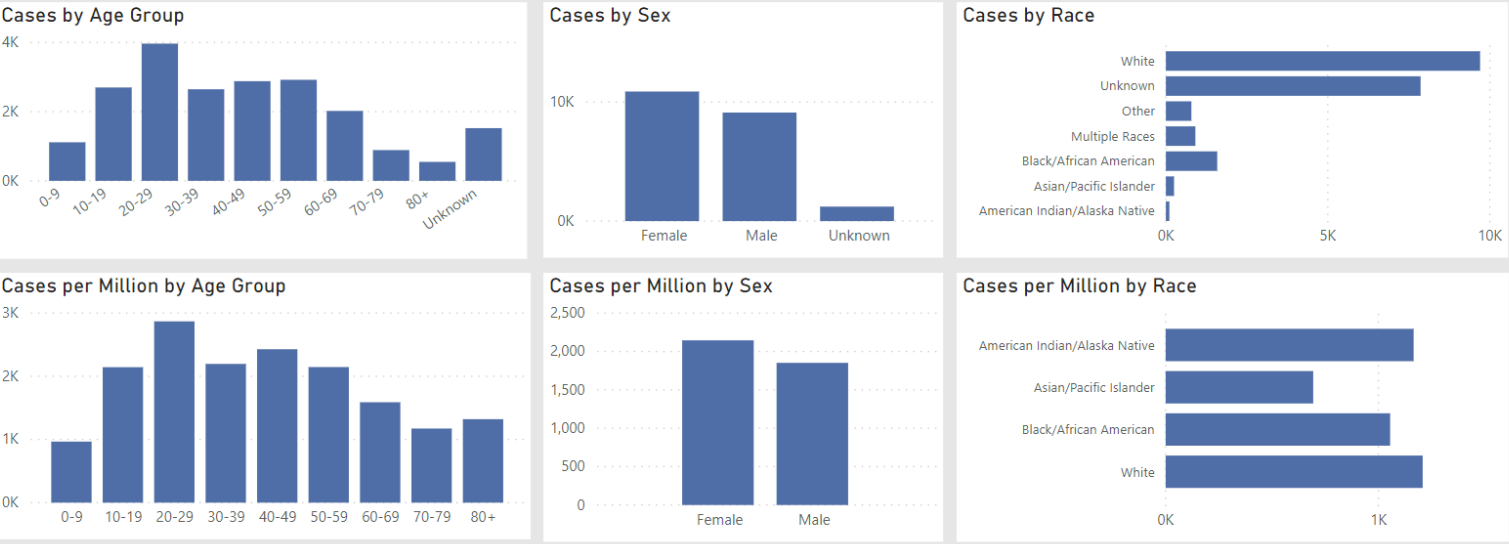
Probable

Select Preparedness Region:

All

Select county:

All



Deaths by Demographic Characteristics

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Cases

Deaths

Select case status:

Confirmed

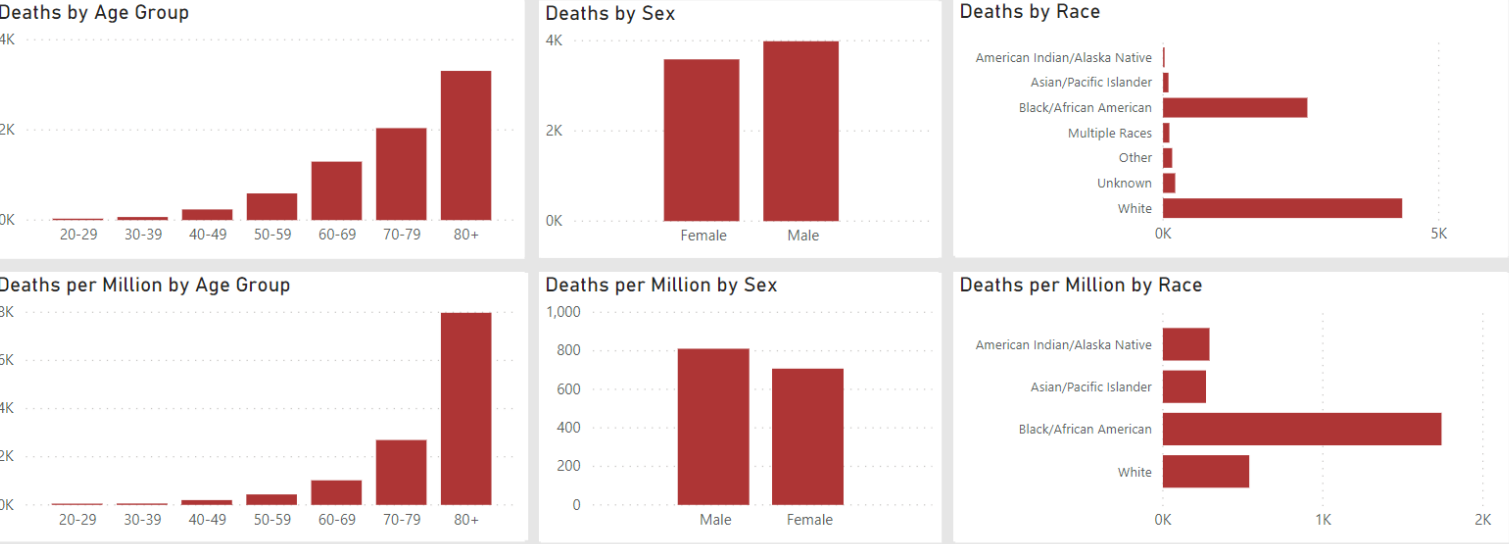
Probable

Select Preparedness Region:

All

Select county:

All



Deaths by Demographic Characteristics

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View Table

View Charts

Select Preparedness Region:

All

Select County:

All

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Serology tests are used to look for the possibility of previous infection. Serology tests look for antibodies to SARS-CoV-2 in the blood. There are currently two types of serology tests: the enzyme-linked immunosorbent assay (ELISA) test and the rapid antibody detection POC test. Serology tests do not diagnose disease and do not guarantee immunity, but might provide information about previous infection.

Total Covid-19 Laboratory Tests

Total testing includes both diagnostic tests which are used to determine if an individual currently has COVID-19 and serology testing which is used to determine if a person has antibodies to Covid-19.

Filter by Date:

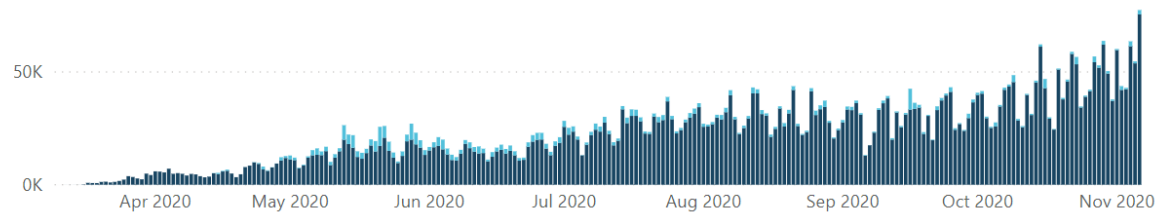
3/10/2020

11/6/2020

Total Laboratory Tests by Type and Date

Test Type

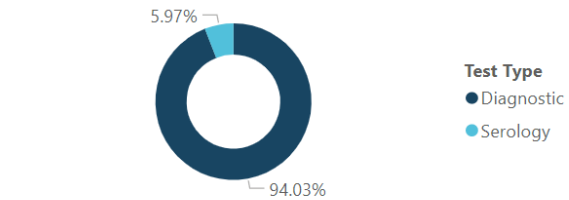
☒ Diagnostic
 ☐ Serology



Total Tests Completed to Date

Test Type	Count	Tests per Million Residents
Diagnostic	5,326,663	533,139
Serology	338,299	33,860
Total	5,664,962	566,999

Percent of Tests Completed by Type



View Table

View Charts

Select Preparedness Region

All

Select County

All

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests. Diagnostic tests do not include serology tests which look for antibodies to SARS-Cov-2 in the blood.

Diagnostic Covid-19 Laboratory Tests

Diagnostic tests are used to determine if an individual is currently infected with Covid-19.

Filter by Date

3/10/2020 11/6/2020

Total Laboratory Tests by Type and Date

Test Type ● Negative ● Positive

Percent of Diagnostic Tests That Were Positive

Where does the data come from?

The State of Michigan COVID-19 Dashboard displays the most recent provisional data reported to the Michigan Department of Health and Humans Services (MDHHS) about cases in Michigan by selected demographics and county of residence (City of Detroit and Wayne County are reported separately). Data are reported to MDHHS via the [Michigan Disease Surveillance System \(MDSS\)](#). Provisional Death data are provided by the MDHHS Division for [Vital Records & Health Statistics](#).

How does MDHHS classify confirmed and probable cases?

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19. Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

How does MDHHS classify confirmed and probable deaths?

Confirmed deaths include individuals who meet one or more of the following conditions: 1) Have been identified as a confirmed case and classified as deceased as a result of a case investigation in the Michigan Disease Surveillance System (MDSS). MDSS is the database used by state and local health department to monitor reportable diseases like COVID-19; 2) have been identified as a confirmed case in MDSS had have a death certificate with COVID-19 listed as a cause of death; 3) have been identified as a confirmed case in MDSS and die within 30 days of onset of COVID-19 infection and have a death certificate which classifies their manner death as 'natural'. Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

Why do the number of probable cases fluctuate?

The number of probable cases can change daily based on the investigation efforts of the health department. When a probable case is first reported, local and/or state health department staff investigate to determine if the person meets the case definition of probable. As additional information is gathered, the case could be re-classified to confirmed, remain as probable, or be determined as not a case.

Why do data in the demographics tab not sum to the total number of cases for a county or region?

Data are not shown whenever the number of cases for a particular demographic category is fewer than six to protect the confidentiality of individuals. Rates are not calculated for other, multiple, and unknown race because an appropriate population denominator is not available for these categories at the county level.

Where can I get more information about COVID-19?

Visit <https://www.michigan.gov/coronavirus> to find information on resources and assistance, answers to frequently asked questions, and the latest updates on Michigan's response to COVID-19. For COVID-19 updates from CDC visit <https://www.cdc.gov/coronavirus/2019-ncov>.

PUBLIC USE DATASETS

Cases and Deaths by County

README

Includes total cases and deaths to date by case status (confirmed or probable) and county.

County is based on the county of residence.

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19.

Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

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Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

The number of probable cases can change daily based on information obtained through the health department investigation. Probable cases can be re-classified as a confirmed case or determined to not be a case.

NOTE: No Public Use Datasets were uploaded for 2020-11-07. The number for cases and deaths by county was obtained directly from the dashboard.

CASES AND DEATHS BY COUNTY 2020-11-07

Updated	COUNTY	ConfirmedCases	ConfirmedDeaths	ProbableCases	ProbableDeaths
2020/11/06 15:58:05	Alcona	53	3	8	0
2020/11/06 15:58:05	Alger	107	1	33	0
2020/11/06 15:58:05	Allegan	1754	8	187	0
2020/11/06 15:58:05	Alpena	186	14	25	0
2020/11/06 15:58:05	Antrim	175	0	14	0
2020/11/06 15:58:05	Arenac	129	5	12	0
2020/11/06 15:58:05	Baraga	162	4	28	0
2020/11/06 15:58:05	Barry	960	9	79	0
2020/11/06 15:58:05	Bay	1956	68	128	0
2020/11/06 15:58:05	Benzie	162	2	14	0
2020/11/06 15:58:05	Berrien	3216	89	325	4
2020/11/06 15:58:05	Branch	1059	13	144	2
2020/11/06 15:58:05	Calhoun	3525	78	487	3
2020/11/06 15:58:05	Cass	1193	25	119	0
2020/11/06 15:58:05	Charlevoix	253	4	32	0
2020/11/06 15:58:05	Cheboygan	212	5	28	0
2020/11/06 15:58:05	Chippewa	161	0	149	0
2020/11/06 15:58:05	Clare	360	17	43	0
2020/11/06 15:58:05	Clinton	1431	17	146	0
2020/11/06 15:58:05	Crawford	164	5	15	0
2020/11/06 15:58:05	Delta	1505	38	167	7
2020/11/06 15:58:05	Dickinson	912	25	27	1
2020/11/06 15:58:05	Eaton	1506	13	118	0
2020/11/06 15:58:05	Emmet	456	13	33	0
2020/11/06 15:58:05	Genesee	7256	330	1252	27
2020/11/06 15:58:05	Gladwin	268	3	38	0
2020/11/06 15:58:05	Gogebic	393	6	150	10
2020/11/06 15:58:05	Grand Traverse	922	14	89	0
2020/11/06 15:58:05	Gratiot	770	18	80	0
2020/11/06 15:58:05	Hillsdale	645	27	67	2
2020/11/06 15:58:05	Houghton	925	8	188	1
2020/11/06 15:58:05	Huron	313	8	57	0
2020/11/06 15:58:05	Ingham	5399	73	100	0
2020/11/06 15:58:05	Ionia	925	8	39	0
2020/11/06 15:58:05	Iosco	313	16	59	1
2020/11/06 15:58:05	Iron	514	24	33	4
2020/11/06 15:58:05	Isabella	1222	15	143	0
2020/11/06 15:58:05	Jackson	2444	76	49	2
2020/11/06 15:58:05	Kalamazoo	5115	124	1011	5
2020/11/06 15:58:05	Kalkaska	165	4	18	0
2020/11/06 15:58:05	Kent	17965	206	1022	3
2020/11/06 15:58:05	Keweenaw	25	1	1	0
2020/11/06 15:58:05	Lake	88	1	4	0
2020/11/06 15:58:05	Lapeer	990	38	198	1
2020/11/06 15:58:05	Leelanau	183	2	13	0
2020/11/06 15:58:05	Lenawee	1336	21	68	0
2020/11/06 15:58:05	Livingston	2492	34	359	1

2020/11/06 15:58:05	Luce	77	0	32	1
2020/11/06 15:58:05	Mackinac	146	0	41	0
2020/11/06 15:58:05	Macomb	21431	1071	1236	49
2020/11/06 15:58:05	Manistee	175	5	12	0
2020/11/06 15:58:05	Marquette	1393	19	189	0
2020/11/06 15:58:05	Mason	318	5	26	0
2020/11/06 15:58:05	Mecosta	719	4	31	0
2020/11/06 15:58:05	Menominee	819	7	86	0
2020/11/06 15:58:05	Midland	1293	14	233	0
2020/11/06 15:58:05	Missaukee	120	1	19	0
2020/11/06 15:58:05	Monroe	2364	44	323	1
2020/11/06 15:58:05	Montcalm	869	15	107	0
2020/11/06 15:58:05	Montmorency	45	0	5	0
2020/11/06 15:58:05	Muskegon	3595	91	80	0
2020/11/06 15:58:05	Newaygo	851	6	25	0
2020/11/06 15:58:05	Oakland	24864	1203	4985	52
2020/11/06 15:58:05	Oceana	744	6	35	0
2020/11/06 15:58:05	Ogemaw	158	6	36	0
2020/11/06 15:58:05	Ontonagon	178	1	20	0
2020/11/06 15:58:05	Osceola	227	1	33	0
2020/11/06 15:58:05	Oscoda	53	2	22	0
2020/11/06 15:58:05	Otsego	321	11	46	1
2020/11/06 15:58:05	Ottawa	6976	82	257	5
2020/11/06 15:58:05	Presque Isle	87	1	12	0
2020/11/06 15:58:05	Roscommon	222	6	46	0
2020/11/06 15:58:05	Saginaw	4737	154	285	5
2020/11/06 15:58:05	Sanilac	311	7	10	1
2020/11/06 15:58:05	Schoolcraft	123	0	5	1
2020/11/06 15:58:05	Shiawassee	930	34	50	1
2020/11/06 15:58:05	St Clair	1766	67	355	1
2020/11/06 15:58:05	St Joseph	1456	23	195	2
2020/11/06 15:58:05	Tuscola	797	37	103	0
2020/11/06 15:58:05	Van Buren	1380	19	115	2
2020/11/06 15:58:05	Washtenaw	5776	120	734	0
2020/11/06 15:58:05	Wayne	25480	1360	2515	54
2020/11/06 15:58:05	Wexford	238	6	23	0
2020/11/06 15:58:05	MDOC	7562	75	85	0
2020/11/06 15:58:05	FCI	192	5	5	0
2020/11/06 15:58:05	Out-of-State	394	3	23	1
2020/11/06 15:58:05	Unknown	15	0	9	0
2020/11/06 15:58:05	Detroit City	16220	1554	1361	116